

**WHAT IS CLAIMED IS:**

Claim 19) (original) An artificial heart for insertion in a living being comprising:

a right blood chamber and a left blood chamber, said right and left blood chambers having an inlet port and an outlet port, wherein

5       said right blood chamber is characterized by having a right outlet port for directly attaching to the main pulmonary artery, and wherein

      said left blood chamber is characterized by having a left outlet port for directly attaching to the aorta artery.

Claim 20) (original) An artificial heart for insertion in a living being comprising:

10       a right blood chamber and a left blood chamber, said right and left blood chambers having an inlet port and an outlet port, wherein

      said right blood chamber has a right outlet port characterized by not including any valve, said right outlet port for being adjacent to the valve of the main pulmonary artery, and wherein

15       said left blood chamber has a left outlet port characterized by not including any valve, said left outlet port for being adjacent to the valve of the aorta artery.

Claim 21- 29 (canceled)